

# Smart ISOProx® II Smart DuoProx® II

## Multi-technology Proximity Access Control Cards for Use With Contact Smart Chip Modules

### Applications

HID's Smart ISOProx II and Smart DuoProx II proximity cards now provide a longer read range in a package designed to be embedded with a contact smart chip module of your choice.

### Features

- Meets requirements for proximity access control, network access, data security, debit transactions, parking, health information storage and photo ID with a single card.
- Offers universal compatibility with all HID proximity readers.
- Functionality equals that of the ISOProx II and DuoProx II cards.
- Accommodates custom artwork, direct image printing, magnetic stripes, bar codes and contact smart chip modules.



• **FINISHED CREDENTIAL**  
Card printing by HID's Card Personalization Service

Public Transportation  
PKI/encryption



Phone Cards  
Access Control  
Cashless Vending



University Cards  
Enhanced Biometric Access



# Smart ISOProx® II/Smart DuoProx® II

## Features

### Proven, Reliable Technology

Offers extremely consistent read range. Unaffected by body shielding or variable environment conditions, even when close to keys and coins.

### Thin

Can be carried with credit cards in a wallet or purse. Use with a strap and clip as a photo ID badge.

### Photo ID Compatible

Print directly to the card with a direct image or thermal transfer printer. Slot punch vertically for easy use.

### Cross-reference

A cross-reference list correlating the external card number and the programmed ID number is provided for easy system administration.

### Security

Offers over 137 billion unique codes.

### Long Life

Passive, no-battery design allows an infinite number of reads.

### Durability

Strong, flexible and resistant to cracking and breaking.

### Custom Artwork

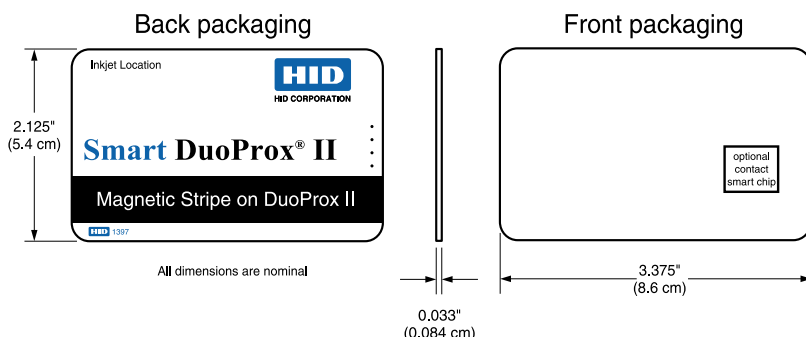
Custom multicolor graphics and text are available. Note: custom graphics may increase overall card thickness.

The Smart ISOProx II and Smart DuoProx proximity cards can be purchased:

- ready to be embedded with the contact smart chip module of your choice.
- with the contact smart chip module already embedded.
- Note: optional contact smart chip module memory requirement is dependent on operating system and application chosen. Contact your HID representative for information about the modules that match your application.

### Warranty

Conditional one-year warranty. See complete warranty policy for details.



## Specifications

### Typical Maximum\* Read Range

MiniProx® reader-up to 5" (12.5 cm)  
ThinLine II® reader-up to 5" (12.5 cm)  
ProxPoint® Plus reader-up to 2.5" (6.25 cm)  
ProxPro® reader-up to 7" (17.5 cm)  
MaxiProx® reader-up to 20" (50 cm)

\* Dependent on local installation conditions.

### Card Dimensions

2.125" x 3.375" x 0.033" max.  
(5.40 cm x 8.57 cm x 0.084 cm)

### Card Construction

Thin, flexible polyvinyl chloride (PVC) laminate. Smart DuoProx II includes an ABA standard, high coercivity magnetic stripe rated 4000 Oersted.

### Operating Temperature

-50° to 160° F (-45° to 70° C)

### Weight (without contact smart chip module)

0.24 oz (6.8 gm)

### Part Numbers

Smart ISOProx II Base Part No.: 1397  
Smart DuoProx II Base Part No.: 1398

### Description

RF-programmable 125kHz, customer-specified ID numbers, location marked for vertical slot punch.

### Options

- External card numbering (inkjet or laser engraving)
- Vertical slot punch
- Custom artwork (text or graphics)
- Magnetic stripe (standard on Smart DuoProx II); other magnetic stripes available
- Contact smart chip module

(Please see "How to Order Guide" for a description of the options and associated part numbers.)

LIT1397DS 6/01, supersedes LIT1396DS 3/01



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